

AMENDMENTS TO THE CLAIMS

Please amend claim 2 as indicated in the listing of claims.

Please cancel claims 9 and 10 without prejudice or disclaimer.

Please add new claims 45-48.

The listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Canceled)
2. (Currently Amended) A method for identifying a compound which modulates cellular glycosylation, comprising:
 - a) contacting a cell which expresses GTRAP3-18 with a test compound;
 - and
 - b) identifying the test compound as a modulator of cellular glycosylation by assaying the ability of the test compound to modulate the expression of a GTRAP3-18 nucleic acid molecule or polypeptide by detecting the level of glycosylation of a GTRAP3-18 target molecule, or the activity of a GTRAP3-18 polypeptide by detecting the level of glycosylation of a GTRAP3-18 target molecule, thereby identifying a compound which modulates cellular glycosylation, wherein the GTRAP3-18 target molecule is glutamate transporter GLAST/EAAT1.

Claims 3-18. (Canceled)

19. (Previously presented) The method of claim 2, wherein the cell is a neuronal cell.

Claims 20-44. (Canceled)

45. (New) The method of claim 2, wherein the cell is a mammalian cell.

46. (New) The method of claim 2, wherein the GTRAP3-18 polypeptide comprises an amino acid sequence as set forth in SEQ ID NO:2.
47. (New) The method of claim 2, wherein the GRTAP3-18 polypeptide is encoded by a nucleic acid sequence comprising SEQ ID NO:1.
48. (New) The method of claim 2, wherein the test compound is identified via a de-glycosylation assay or glutamate transport assay.